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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/091,172	03/04/2002	Juan I. Perez	ENDOV-55674	9937
24201	7590	06/15/2004	EXAMINER	
FULWIDER PATTON LEE & UTECHT, LLP HOWARD HUGHES CENTER 6060 CENTER DRIVE TENTH FLOOR LOS ANGELES, CA 90045			BARRETT, THOMAS C	
			ART UNIT	PAPER NUMBER
			3738	

DATE MAILED: 06/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/091,172

Applicant(s)

PEREZ ET AL.

Examiner

Thomas C. Barrett

Art Unit

3738

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) 13, 14 and 19 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12, 15-18, 20-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

Applicant's election of Species III, Subspecies III and Sub-subspecies III in the reply filed on March 24, 2004 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

Claims 13-14, and 19 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected Species, there being no allowable generic or linking claim.

Response to Arguments

Applicant's arguments with respect to claims 1-23 have been considered but are moot in view of the new ground(s) of rejection.

Contrary to the Applicant's argument, Martin does disclose a system or a method involving a loading capsule having a superior terminal end that can mate with an inferior end of an introducer sheath. As noted in the prior office action, Martin (Column 2, Lines 22-20) discloses the catheter is positioned inside the lower or *inferior* limb of the inverted Y of the deployed first section.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Art Unit: 3738

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-5, 7-9, 12, 15 and 16-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Martin (5,575,817). Regarding claims 1, 8 and 15, Martin discloses a system for treating vasculature at a repair site comprising a first treatment component (Figure 1, Reference Number 1), a first sheath or retractable membrane (Column 2, Lines 5-6) with a length sufficient to extend to a repair site and before being retracted, a first treatment component (Figure 1, Reference Number 7) and a loading capsule comprising the restraining sheath of the second section and a pusher assembly or catheter (column 2, Lines 18-22) with an inner tube (Figure 3). Martin further discloses that the first sheath and the restraining sheath of the loading capsule are configured to mate (Column 2, Lines 22-30) and therefore have approximately equal outer profiles. Regarding claims 2-4, Martin discloses that there is a plurality of subsequent treatment components (Figure 1, Reference Numbers 9 and 1) and that the first sheath is retracted to deploy the treatment components (Column 2, Line 15) after restraining the component in a compressed configuration (Column 4, Lines 8-10). Regarding claim 5, Martin discloses that the treatment component is self-expanding (Column 2, Lines 38-40).

Regarding claim 7, Martin discloses the use of a guide wire (Figure 3, Reference Number 19).

Regarding claim 9, Martin discloses that the pusher assembly or catheter is capable of simultaneously engaging a plurality of treatment components (Column 2,

Art Unit: 3738

Lines 4-6), where the first section comprises the upper limb, first lower limb and a portion of the second lower limb (Column 1, Lines 46-49).

Regarding claims 12 and 16, Martin discloses that the pusher assembly, used to advance treatment components includes an inner tube.

Regarding claim 17, "wherein the first sheath remains within the vasculature..." is a limitation directed to an intended use, which does not result in a structural difference not met by Martin.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Martin (US 5,575,817). Regarding claim 10, Martin discloses a treatment system that includes a pusher assembly, or catheter, that has a tapered tip. Martin lacks the teaching of the tapered tip being flexible, however it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Martin to have a flexible pusher assembly tip to make navigation within the body lumen easier.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Martin (US 5,575,817) in view of Drasler et al. (US 6,451,051).

Art Unit: 3738

Regarding claim 11, Martin discloses a system for treating vasculature including restraining the first treatment component in a non-expanded form, however he lacks the teaching of cloverfolding the component. Drasler et al. teach of a foldable tubular endoprosthesis that can be cloverfolded (Figures 2C and 2D) so that it can be easily inserted into the vasculature in a compressed state. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Martin to have the treatment component cloverfolded so that it can be entered into the vasculature in a compressed state.

Claims 6, 18 and 20-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Martin (USPN 5, 575, 817) in view of Leonhardt et al. (USPN 5,713,917).

Regarding claims 6, 18, 22 and 23, Martin discloses a system for treating vasculature including a pusher assembly, a loading capsule that is capable of mating with an introducer sheath (Column 2, Lines 22-30), however he lacks the teaching of an introducer sheath and having the first treatment component inserted through the loading capsule. Leonhardt et al. teach of a method for engrafting a vessel that includes a sheath introducer, through which all components are introduced into the lumen, so that only one sheath is necessary during the deployment procedure. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Martin to have the loading capsule mate with a single introducer sheath for the deployment of a plurality of graft components.

Art Unit: 3738

Regarding claim 20, Martin discloses the use of a guide wire (Figure 3, Reference Number 19).

Regarding claim 21, Martin discloses that the treatment component is self-expanding (Column 2, Lines 38-0).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas C. Barrett whose telephone number is (703)

Art Unit: 3738

308-8295. The examiner can normally be reached Tuesday-Friday between 9:00 A.M. and 6:00 P.M.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Corrine McDermott can be reached on (703) 308-2111. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0858.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Thomas Barrett



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